

Amendment(s) to the Claims

The following listing of claims replaces all prior versions and listings of claims in the present application:

Listing of Claims:

Claims 1-74 (canceled).

Claim 75 (currently amended): A cushion liner for enclosing an amputation stump, said liner comprising a fabric ~~stump~~ covering having an open end for introduction of said stump and a closed end opposite said open end, said fabric coated seamlessly on only ~~the~~ an inside surface thereof with a ~~nonporous~~ polymeric cushioning material, ~~wherein said polymeric cushioning material optionally has a thickness profile such that the polymeric cushioning material is thicker at a closed end of the covering than at an open end~~ capable of forming an air-tight seal with said amputation stump when said liner is worn; wherein said nonporous polymeric cushioning material is liner is configured to contact such that said polymeric cushioning material is in contact with the skin of the said amputation stump when said liner is worn by a user thereof, and is substantially nonporous to air and water.

Claim 76 (currently amended): The cushion liner as claimed in claim 75, wherein said fabric is coated on the inside thereof with an uneven distribution of said ~~nonporous~~ polymeric cushioning material, said uneven distribution ~~comprising~~ resulting in a thinner posterior middle and upper portion, and a thicker distal anterior-medial and anterior-lateral portion.

Claim 77 (currently amended): The cushion liner as claimed in claim 75, wherein said ~~nonporous~~ polymeric cushioning material is arranged in a ~~recess~~ recessed Achilles configuration.

Claim 78 (previously presented): The cushion liner as claimed in claim 75, having a length from closed end to open end of from 10-25 inches.

Claim 79 (canceled).

Claim 80 (currently amended): The cushion liner as claimed in claim 75, wherein said ~~nonporous~~ polymeric cushioning material has a thickness varying from 0.150-0.500 inches.

Claims 81-84 (canceled).

Claim 85 (currently amended): The cushion liner as claimed in claim 75, wherein said fabric is completely coated on only the inside thereof with said ~~nonporous~~ polymeric cushioning material.

Claims 86-87 (canceled).

Claim 88 (currently amended): The cushion liner as claimed in claim 75, wherein said ~~nonporous~~ polymeric cushioning material ~~comprises~~ includes a biocide.

Claim 89 (currently amended): The cushion liner as claimed in claim 75, wherein said ~~nonporous~~ polymeric cushioning material ~~comprises~~ includes a vitamin.

Claims 90-91 (canceled).

Claim 92 (currently amended): A cushion liner for enclosing an amputation stump, said liner comprising a fabric ~~stump~~ covering having an open end for introduction of said stump and a closed end opposite said open end, said fabric coated seamlessly on only ~~the~~ an inside thereof with a ~~nonporous~~ polymeric cushioning material capable of forming an air-tight seal with said amputation stump when said liner is worn;[,] wherein said polymeric cushioning material ~~has a thickness profile such that the polymeric cushioning material is thicker at a~~ said closed end of ~~the covering~~ said fabric than at an said open end of said fabric;

and wherein said ~~nonperous polymeric cushioning material~~ liner is configured to contact
such that said polymeric cushioning material is in contact with the skin of the said
amputation stump when said liner is worn by a user thereof, ~~and is substantially~~
~~nonperous to air and water.~~

Claim 93 (currently amended): The cushion liner as claimed in claim 92, wherein said fabric is coated on the inside thereof with an uneven distribution of said ~~nonperous~~ polymeric cushioning material, said uneven distribution ~~comprising~~ resulting in a thinner posterior middle and upper portion, and a thicker distal anterior-medial and anterior-lateral portion.

Claim 94 (currently amended): The cushion liner as claimed in claim 92, wherein said ~~nonperous~~ polymeric cushioning material is arranged in a ~~recess~~ recessed Achilles configuration.

Claim 95 (canceled).

Claim 96 (currently amended): The cushion liner as claimed in claim 92, wherein said ~~nonperous~~ polymeric cushioning material has a thickness varying from 0.150-0.500 inches.

Claims 97-98 (canceled).

Claim 99 (currently amended): The cushion liner as claimed in claim 92, wherein said fabric is completely coated on only the inside thereof with said ~~nonperous~~ polymeric cushioning material.

Claims 100-101 (canceled).

Claim 102 (currently amended): The cushion liner as claimed in claim 92, wherein said ~~nonperous~~ polymeric cushioning material ~~comprises~~ includes a biocide.

Claim 103 (currently amended): The cushion liner as claimed in claim 92, wherein said ~~nonperous~~ polymeric cushioning material ~~comprises~~ includes a vitamin.

Claims 104-105 (canceled).

Claim 106 (currently amended): A cushion liner for enclosing an amputation stump, said liner comprising a fabric ~~stump~~ covering having an open end for introduction of said stump and a closed end opposite said open end, said fabric coated seamlessly and directly on only ~~the~~ an inside thereof with a ~~nonporous~~ polymeric cushioning material, ~~wherein said nonporous polymeric cushioning material optionally has a thickness profile such that said nonporous polymeric cushioning material is thicker at a closed end of the covering than at an open end; and~~ capable of forming an air-tight seal with said amputation stump when said liner is worn; wherein said ~~nonporous polymeric cushioning material~~ liner is configured ~~to contact~~ such that said polymeric cushioning material is in contact with the skin of ~~the~~ said amputation stump when said liner is worn by a user thereof, ~~and is substantially nonporous to air and water.~~

Claim 107 (currently amended): The cushion liner as claimed in claim 106, wherein said ~~nonporous~~ polymeric cushioning material has a thickness varying from 0.150-0.500 inches.

Claims 108-109 (canceled).

Claim 110 (currently amended): A cushion liner for enclosing an amputation stump, said liner comprising a fabric ~~stump~~ covering having an open end for introduction of said stump and a closed end opposite said open end, said fabric coated seamlessly and directly on only ~~the~~ an inside thereof with a nonporous polymeric cushioning material capable of forming an air-tight seal with said amputation stump when said liner is worn;[,] wherein said ~~nonporous polymeric cushioning material has a thickness profile such that the said nonporous polymeric cushioning material is thicker at a~~ said closed end of ~~the covering~~ said fabric than at ~~an~~ said open end of said fabric; and wherein said ~~nonporous polymeric cushioning~~

~~material liner~~ is configured ~~to contact~~ such that said polymeric cushioning material is in contact with the skin of ~~the~~ said amputation stump when said liner is worn by a user thereof, ~~and is substantially nonporous to air and water.~~

Claim 111 (currently amended): The cushion liner as claimed in claim 110, wherein said ~~nonporous~~ polymeric cushioning material has a thickness varying from 0.150 - 0.500 inches.

Claims 112-113 (canceled).

Claim 114 (currently amended): A cushion liner for enclosing an amputation stump, said liner comprising a fabric ~~stump~~ covering having an open end for introduction of said stump and a closed end opposite said open end, said fabric coated on only ~~the~~ an inside thereof with a ~~nonporous~~ polymeric cushioning material, ~~wherein said nonporous polymeric cushioning material optionally has a thickness profile such that said nonporous polymeric cushioning material is thicker at the closed end of the covering than at an open end, capable of forming an air-tight seal with said amputation stump when said liner is worn;~~ wherein said liner ~~can be~~ is donned by inverting and rolling said liner onto ~~the~~ said amputation stump; and wherein said ~~nonporous polymeric cushioning material~~ liner is configured ~~to contact~~ such that said polymeric cushioning material is in contact with the skin of ~~the~~ said amputation stump ~~when worn by a user, and is substantially nonporous to air and water~~ after donning.

Claim 115 (currently amended): The cushion liner as claimed in claim 114, wherein said ~~nonporous~~ polymeric cushioning material has a thickness varying from 0.150 - 0.500 inches.

Claims 116-117 (canceled).

Claim 118 (currently amended): A cushion liner for enclosing an amputation stump, said liner comprising a fabric ~~stump~~ covering having an open end for introduction of said stump and a closed end opposite said open end, said fabric coated on only ~~the~~ an inside thereof with a ~~nonporous~~ polymeric cushioning material capable of forming an air-tight seal with said amputation stump when said liner is worn; wherein said ~~nonporous~~ polymeric cushioning material ~~has a thickness profile such that said nonporous polymeric cushioning material is~~ thicker at ~~the~~ said closed end of ~~the covering~~ said fabric than at ~~an~~ said open end of said fabric; wherein said liner ~~can be~~ is donned by inverting and rolling said liner onto ~~the~~ said amputation stump; and wherein said ~~nonporous polymeric cushioning material~~ liner is configured ~~to contact~~ such that said polymeric cushioning material is in contact with the skin of ~~the~~ said amputation stump ~~when worn by a user, and is substantially nonporous to air and water after donning.~~

Claim 119 (currently amended): The cushion liner as claimed in claim 118, wherein said ~~nonporous~~ polymeric cushioning material has a thickness varying from 0.150 - 0.500 inches.

Claim 120 (currently amended): The cushion liner as claimed in claim 118, further comprising docking means at ~~the~~ a distal end thereof.

Claim 121 (previously presented): The cushion liner as claimed in claim 120, wherein said docking means is molded to said fabric on an exterior of said liner.

Claims 122-123 (canceled).

Claim 124 (new): The cushion liner as claimed in claim 75, wherein said polymeric cushioning material has a thickness profile such that said polymeric cushioning material is thicker at a closed end of said covering than at an open end.

Claim 125 (new): The cushion liner as claimed in claim 75, wherein said polymeric cushioning material includes mineral oil.

Claim 126 (new): The cushion liner as claimed in claim 75, further comprising docking means at a distal end thereof.

Claim 127 (new): The cushion liner as claimed in claim 126, wherein said docking means is molded to said fabric on an exterior of said liner.

Claim 128 (new): The cushion liner as claimed in claim 92, wherein said polymeric cushioning material includes mineral oil.

Claim 129 (new): The cushion liner as claimed in claim 92, further comprising docking means at a distal end thereof.

Claim 130 (new): The cushion liner as claimed in claim 129, wherein said docking means is molded to said fabric on an exterior of said liner.

Claim 131 (new): The cushion liner as claimed in claim 106, wherein said polymeric cushioning material is thicker at said closed end of said fabric than at said open end of said fabric.

Claim 132 (new): The cushion liner as claimed in claim 106, wherein said fabric is coated on the inside thereof with an uneven distribution of said polymeric cushioning material, said uneven distribution resulting in a thinner posterior middle and upper portion, and a thicker distal anterior-medial and anterior-lateral portion.

Claim 133 (new): The cushion liner as claimed in claim 106, wherein said polymeric cushioning material is arranged in a recessed Achilles configuration.

Claim 134 (new): The cushion liner as claimed in claim 106, having a length from closed end to open end of from 10-25 inches.

Claim 135 (new): The cushion liner as claimed in claim 106, wherein said fabric is completely coated on only the inside thereof with said polymeric cushioning material.

Claim 136 (new): The cushion liner as claimed in claim 106, wherein said polymeric cushioning material includes a biocide.

Claim 137 (new): The cushion liner as claimed in claim 106, wherein said polymeric cushioning material includes a vitamin.

Claim 138 (new): The cushion liner of claim 106, wherein said polymeric cushioning material includes mineral oil.

Claim 139 (new): The cushion liner as claimed in claim 106, further comprising docking means at a distal end thereof.

Claim 140 (new): The cushion liner as claimed in claim 139, wherein said docking means is molded to said fabric on an exterior of said liner.

Claim 141 (new): The cushion liner as claimed in claim 110, wherein said fabric is coated on the inside thereof with an uneven distribution of said polymeric cushioning material, said uneven distribution resulting in a thinner posterior middle and upper portion, and a thicker distal anterior-medial and anterior-lateral portion.

Claim 142 (new): The cushion liner as claimed in claim 110, wherein said polymeric cushioning material is arranged in a recessed Achilles configuration.

Claim 143 (new): The cushion liner as claimed in claim 110, having a length from closed end to open end of from 10-25 inches.

Claim 144 (new): The cushion liner as claimed in claim 110, wherein said fabric is completely coated on only the inside thereof with said polymeric cushioning material.

Claim 145 (new): The cushion liner as claimed in claim 110, wherein said polymeric

cushioning material includes a biocide.

Claim 146 (new): The cushion liner as claimed in claim 110, wherein said polymeric cushioning material includes a vitamin.

Claim 147 (new): The cushion liner of claim 110, wherein said polymeric cushioning material includes mineral oil.

Claim 148 (new): The cushion liner as claimed in claim 110, further comprising docking means at a distal end thereof.

Claim 149 (new): The cushion liner as claimed in claim 148, wherein said docking means is molded to said fabric on an exterior of said liner.

Claim 150 (new): The cushion liner as claimed in claim 114, wherein said fabric is coated on the inside thereof with an uneven distribution of said polymeric cushioning material, said uneven distribution resulting in a thinner posterior middle and upper portion, and a thicker distal anterior-medial and anterior-lateral portion.

Claim 151 (new): The cushion liner as claimed in claim 114, wherein said polymeric cushioning material is arranged in a recessed Achilles configuration.

Claim 152 (new): The cushion liner as claimed in claim 114, having a length from closed end to open end of from 10-25 inches.

Claim 153 (new): The cushion liner as claimed in claim 114, wherein said fabric is completely coated on only the inside thereof with said polymeric cushioning material.

Claim 154 (new): The cushion liner as claimed in claim 114, wherein said polymeric cushioning material includes a biocide.

Claim 155 (new): The cushion liner as claimed in claim 114, wherein said polymeric cushioning material includes a vitamin.

Claim 156 (new): The cushion liner of claim 114, wherein said polymeric cushioning material includes mineral oil.

Claim 157 (new): The cushion liner as claimed in claim 114, further comprising docking means at a distal end thereof.

Claim 158 (new): The cushion liner as claimed in claim 157, wherein said docking means is molded to said fabric on an exterior of said liner.

Claim 159 (new): The cushion liner as claimed in claim 118, wherein said fabric is coated on the inside thereof with an uneven distribution of said polymeric cushioning material, said uneven distribution resulting in a thinner posterior middle and upper portion, and a thicker distal anterior-medial and anterior-lateral portion.

Claim 160 (new): The cushion liner as claimed in claim 118, wherein said polymeric cushioning material is arranged in a recessed Achilles configuration.

Claim 161 (new): The cushion liner as claimed in claim 118, having a length from closed end to open end of from 10-25 inches.

Claim 162 (new): The cushion liner as claimed in claim 118, wherein said fabric is completely coated on only the inside thereof with said polymeric cushioning material.

Claim 163 (new): The cushion liner as claimed in claim 118, wherein said polymeric cushioning material includes a biocide.

Claim 164 (new): The cushion liner as claimed in claim 118, wherein said polymeric cushioning material includes a vitamin.

Claim 165 (new): The cushion liner of claim 118, wherein said polymeric cushioning material includes mineral oil.